WO 2004/096543 PCT/US2004/012558

-8-

CLAIMS

- 1. A pile weatherstrip device comprising a continuous length of pile weatherstripping having a pile extending from a backing strip, said backing strip being severed to define hinges in staggered relationship along opposite edges of the backing strip to form hinged segments of the pile weatherstripping, said segments being folded at said hinges into edge-to-edge adjoining relationship to provide a block of pile presenting at least one sealing surface.
- 2. The device according to Claim 1 further comprising said backing strips of said adjoining hinged sections being attached to each other.
- 3. The device according to Claim 2 further comprising a sheet of adhesive material extending across the backing strip on the side thereof opposite from the side from which said pile projects providing said attachment between said hinged sections.
- 4. The device according to Claim 1 wherein said pile weatherstrip has a fin of infiltration control material extending longitudinally along said pile, loops of said material bridging the hinges between said hinged sections so as to provide a continuous barrier through said device whether oriented in edgewise or endwise relationship to the direction of movement of a member sealed by said device.
- 5. The device according to Claim 1 further comprising pile weatherstripping members along the ends of said hinged segments where said segments are disposed in edge-to-edge adjoining relationship.
- 6. A device according to Claim 5 comprising a pair of hinged sections of lineal pile weatherstripping presenting opposed ends and outside ends, and lengths of lineal pile weatherstripping between said opposed ends and along said outside ends.
- 7. A method of making pile weatherstripping in block configuration which comprises the steps of:

severing a continuous length of pile weatherstripping from opposite sides to define hinges in staggered and spaced relationship longitudinally of said pile weatherstripping; and folding said segments about said hinges into edge-to-edge relationship to define said

block.

WO 2004/096543 PCT/US2004/012558

-9-

- 8. The method according to Claim 7 further comprising the step of assembling said segments together in permanently attached relationship.
- 9. The method according to Claim 8 wherein said assembling step is carried out with the aid of a sheet of adhesive material and applying said sheet to adhesively connect said segments in adjoining relationship in said block configuration.
- 10. The method according to Claim 7 wherein said pile weatherstripping has a backing strip from which pile extends, and said severing strip is carried out by moving a blade along an arcuate cutting path through the pile and backing strip leaving said section of said backing providing said hinge.
- 11. The method according to Claim 10 wherein said pile weatherstripping has a fin extending linearly along said pile and said cutting path passes through a region of said fin adjacent said backing much shorter than said fin.